

Propargyl-PEG2-urea-C3-triethoxysilane

Chemical Properties

CAS No. : 1637329-79-3

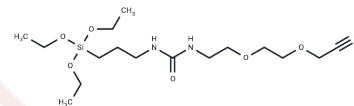
Formula: C17H34N2O6Si

Molecular Weight: 390.552

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Propargyl-PEG2-urea-C3-triethoxysilane is a PEG-based PROTAC linker used in PROTAC synthesis.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs have two ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system for the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5605 mL	12.8025 mL	25.6049 mL
5 mM	0.5121 mL	2.5605 mL	5.121 mL
10 mM	0.256 mL	1.2802 mL	2.5605 mL
50 mM	0.0512 mL	0.256 mL	0.5121 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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